

In the Specification:

Applicants attach herewith clean and marked up versions of the substitute specification.

In the Claims:

Please amend claims 27-39 and 41-61 as follows:

27. (Amended) An isolated nucleic acid molecule comprising the nucleotide sequence as set forth in any of SEQ ID NO: 3, SEQ ID NO: 5, SEQ ID NO: 7, SEQ ID NO: 9, SEQ ID NO: 11, SEQ ID NO: 13, SEQ ID NO: 15, SEQ ID NO: 17, SEQ ID NO: 19, residues 4 through 549 of SEQ ID NO: 9, residues 4 through 519 of SEQ ID NO: 15, or residues 4 through 516 of SEQ ID NO: 19.

28. (Amended) The isolated nucleic acid molecule of Claim 27 comprising the nucleotide sequence as set forth in SEQ ID NO: 9.

29. (Amended) The isolated nucleic acid molecule of Claim 27 comprising the nucleotide sequence as set forth in SEQ ID NO: 15.

30. (Amended) The isolated nucleic acid molecule of Claim 27 comprising the nucleotide sequence as set forth in SEQ ID NO: 19.

31. (Amended) The isolated nucleic acid molecule of Claim 27 comprising the nucleotide sequence as set forth in SEQ ID NO: 5.

32. (Amended) The isolated nucleic acid molecule of Claim 27 comprising the nucleotide sequence as set forth in SEQ ID NO: 7.

33. (Amended) The isolated nucleic acid molecule of Claim 27 comprising the nucleotide sequence as set forth in SEQ ID NO: 13.

34. (Amended) The isolated nucleic acid molecule of Claim 27 comprising the nucleotide sequence as set forth in SEQ ID NO: 11.

35. (Amended) The isolated nucleic acid molecule of Claim 27 comprising the nucleotide sequence as set forth in SEQ ID NO: 17.

36. (Amended) The isolated nucleic acid molecule of Claim 27 comprising residues 4 through 549 of the nucleotide sequence as set forth in SEQ ID NO: 9.

37. (Amended) The isolated nucleic acid molecule of Claim 27 comprising residues 4 through 519 of the nucleotide sequence as set forth in SEQ ID NO: 15.

38. (Amended) The isolated nucleic acid molecule of Claim 27 comprising residues 4 through 516 of the nucleotide sequence as set forth in SEQ ID NO: 19.

39. (Amended) The isolated nucleic acid molecule of Claim 27 comprising the nucleotide sequence as set forth in SEQ ID NO: 3.

concluded
C.3
41. (Amended) An isolated nucleic acid molecule encoding a polypeptide having the ability to bind TNF, wherein said polypeptide comprises the amino acid sequence as set forth in any of SEQ ID NO: 4, SEQ ID NO: 6, SEQ ID NO: 8, SEQ ID NO: 10, SEQ ID NO: 12, SEQ ID NO: 14, SEQ ID NO: 16, SEQ ID NO: 18, SEQ ID NO: 20, residues 2 through 183 of SEQ ID NO: 10, residues 2 through 173 of SEQ ID NO: 16, or residues 2 through 172 of SEQ ID NO: 20; and wherein said polypeptide has:

- a) at least one conservative amino acid substitution;
- b) at least one amino acid substitution at a glycosylation site;
- c) at least one amino acid substitution at a proteolytic cleavage site;
- d) at least one amino acid substitution at a cysteine residue;

e) at least one amino acid deletion;
f) at least one amino acid insertion;
g) a C- and/or N-terminal truncation; or
h) a combination of modifications selected from the group consisting of conservative amino acid substitutions, amino acid substitutions at a glycosylation site, amino acid substitutions at a proteolytic cleavage site, amino acid substitutions at a cysteine residue, amino acid deletions, amino acid insertions, C-terminal truncation, and N-terminal truncation.

42. (Amended) The isolated nucleic acid molecule of Claim 41, wherein said encoded polypeptide has at least one conservative amino acid substitution.

43. (Amended) The isolated nucleic acid molecule of Claim 41, wherein said encoded polypeptide has at least one amino acid substitution at a glycosylation site.

44. (Amended) The isolated nucleic acid molecule of Claim 41, wherein said encoded polypeptide has at least one amino acid substitution at a proteolytic cleavage site.

45. (Amended) The isolated nucleic acid molecule of Claim 41, wherein said encoded polypeptide has at least one amino acid substitution at a cysteine residue.

46. (Amended) The isolated nucleic acid molecule of Claim 41, wherein said encoded polypeptide has at least one amino acid deletion.

47. (Amended) The isolated nucleic acid molecule of Claim 41, wherein said encoded polypeptide has at least one amino acid insertion.

48. (Amended) The isolated nucleic acid molecule of Claim 41, wherein said encoded polypeptide has a C- and/or N-terminal truncation.

49. (Amended) An isolated nucleic acid molecule encoding a polypeptide having the ability to bind TNF, wherein said polypeptide comprises the amino acid sequence as set forth in any of SEQ ID NO: 4, SEQ ID NO: 6, SEQ ID NO: 8, SEQ ID NO: 10, SEQ ID NO: 12, SEQ ID NO: 14, SEQ ID NO: 16, SEQ ID NO: 18, SEQ ID NO: 20, residues 2 through 183 of SEQ ID NO: 10, residues 2 through 173 of SEQ ID NO: 16, or residues 2 through 172 of SEQ ID NO: 20.

50. (Amended) The isolated nucleic acid molecule of Claim 49, wherein said encoded polypeptide comprises the amino acid sequence as set forth in SEQ ID NO: 10.

51. (Amended) The isolated nucleic acid molecule of Claim 49, wherein said encoded polypeptide comprises the amino acid sequence as set forth in SEQ ID NO: 16.

52. (Amended) The isolated nucleic acid molecule of Claim 49, wherein said encoded polypeptide comprises the amino acid sequence as set forth in SEQ ID NO: 20.

53. (Amended) The isolated nucleic acid molecule of Claim 49, wherein said encoded polypeptide comprises the amino acid sequence as set forth in SEQ ID NO: 6.

54. (Amended) The isolated nucleic acid molecule of Claim 49, wherein said encoded polypeptide comprises the amino acid sequence as set forth in SEQ ID NO: 8.

55. (Amended) The isolated nucleic acid molecule of Claim 49, wherein said encoded polypeptide comprises the amino acid sequence as set forth in SEQ ID NO: 14.

56. (Amended) The isolated nucleic acid molecule of Claim 49, wherein said encoded polypeptide comprises the amino acid sequence as set forth in SEQ ID NO: 12.

57. (Amended) The isolated nucleic acid molecule of Claim 49, wherein said encoded polypeptide comprises the amino acid sequence as set forth in SEQ ID NO: 18.

58. (Amended) The isolated nucleic acid molecule of Claim 49, wherein said encoded polypeptide comprises residues 2 through 183 of the amino acid sequence as set forth in SEQ ID NO: 10.

59. (Amended) The isolated nucleic acid molecule of Claim 49, wherein said encoded polypeptide comprises residues 2 through 173 of the amino acid sequence as set forth in SEQ ID NO: 16.

60. (Amended) The isolated nucleic acid molecule of Claim 49, wherein said encoded polypeptide comprises residues 2 through 172 of the amino acid sequence as set forth in SEQ ID NO: 20.

61. (Amended) The isolated nucleic acid molecule of Claim 49, wherein said encoded polypeptide comprises the amino acid sequence as set forth in SEQ ID NO: 4.

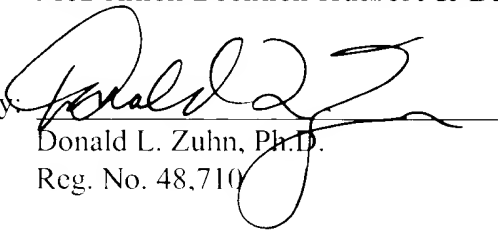
REMARKS

Applicants contend that no new matter has been added as a result of the above-described amendments. Applicants respectfully request that the Examiner direct any inquiries regarding this communication to the undersigned representative at (312) 913-0001.

Respectfully submitted,
McDonnell Boehnen Hulbert & Berghoff

Dated: January 7, 2002

By:


Donald L. Zuhn, Ph.D.
Reg. No. 48,710